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ABSTRACT OF THE DISCLOSURE

In an image sensing system comprising a host computer and an image sensing apparatus, the image sensing apparatus includes a contact sensor for sensing an object and outputting an image signal representing the image of the object, and an image processing circuit for subjecting the image signal to predetermined signal processing. The host computer and the image sensing apparatus communicate via an interface. Whether processing is executed by the image processing circuit within the image sensing apparatus is changed over in accordance with the communication speed of the interface.